Item (9)

SBR No. 73/19-20 Dt: 03/03/2020

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355752

Serial No. 1st and final Bill

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency Executive Engineer, ICRISAT, Bangalore

Date of commencement of work D.O. Recordg. 07-11-2019

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work : Comp. to Roads and drains at Navodaya school Road in Ward No. 11 (Kurumpudigam)						
	Estimated Cost : Rs. 20.00 Lakh.						
	NB. No : 011-18-000050						
	Work order No : EE(BTP) BBMP/ICRISAT/WO/182/2018-19 Dt. 11-12-2018.						
	Date of Commencement : 12-12-2018						
	Date of Completion : 07/11/2019						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Earthwork Excavation by manual means in ordinary soil involving an average horizontal throw upto 3.00m of an average lift upto 0.30m, Excavated surface levelled and side neatly dressed, the dispersed earth to be levelled neatly after breaking of clods complete as per specifications directions of Engineer-in-charge.						

Item (9)

OK

Depth 6	Contents 7	Reference to last Measurement 8
n in ordinary upto 2 coat of levelled and be levelled as specifications of		
mB. p.no 35583		
oy³ @ 199.36/-		26016.48
concrete of th down and		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355753

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	down size graded granite metal coarse aggregate of m³ of fine aggregate @ 0.57m³, machine mixed concrete laid in layers not exceeding 150mm thick well compacted in foundations of plinth, including curing material, labour, if any by machine, curing etc complete as per specifications and directions of Engineer in charge of work. as per mb. no. (2) page 35584 = 33.00m³ @ 5159.02/m³						170247.66

Item 9

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	Providing and laying cement concrete using 20mm and down size granite jelly and Rmc concrete for RCC Work laid in 15 cms thick layers and well compacted, vibrating, curing, finishing with necessary cen form works and scaffolding to withstand pumping of concrete, with all lead and lifts etc complete. Rmc concrete of m.20 (1:1.5:3) for Raft foundations, column footings, main and secondy beams etc Complete as per specifications and directions of Engineer-in-charge of Work at Bottom concrete						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Hanumathuna Temple Backside Hosbadagar. 3rd cr s/s 2nd cR
	(B) 3rd Wall

Item (9)

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
y Journal dues			
or RccWork laid			
acted, vibrating,			
n Works and scaffolding			
all lead and Lifts			
1:5:3 for Raft			
y beam etc Complete			
gineering - Charges			

M. A. R. 57 (Rule 116)
Measurement Book No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

355754

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Hanumshwara Temple	1	30.00	0.90	0.15	4.05	
	Bed Side	1	13.50	0.90	0.15	1.82	
	Hosbednagar. 3rd cross	1	34.00	0.90	0.15	4.59	
	2nd cross S/S	1	22.50	0.90	0.15	3.04	
	(B) Side Wall	2×1	30.00	0.15	0.60	5.40	
		2×1	13.50	0.15	0.60	2.43	
		2×1	34.00	0.15	0.60	6.12	
		2×1	22.50	0.15	0.60	4.05	
						31.50 cu.m	
					@	6231.34/cu.m	196299.81

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design., cost of material, labour, tools & machinery complete as per specification and directions of Engineer-in-charge of work.						

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
...work including ... position, lapping ... with bindy wire ... wherever necessary ..., labour, stamps ... and directions of ...			
		121420.00	
M.B. p.no 355788			
.89 Tonne		121420.00	
243.42/tonne			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355755

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	9) Providing and removing centering, shuttering, propping etc and removal of form work for vertical surface such as walls of any thickness, including attached pilasters, buttresses plinth and string courses, cost of all material, labour etc complete as per specifications and directions of Engineer in charge of the work.						
	Already add this mtr. Item (9)						
	p.no 355786						
						= 240.042	
						@ 310.58/m²	74539.20

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) Removing and refixing stone slabs of dressed and pointing in CM(1:3) etc complete as per specifications and directions of Engineer-in-charge of work.						
							2251.20
			qty vide this MB. p.no 355736				
			Item no (5) = 270.00 m² @ 80.58/m²				2757.20
	(7) Providing granite slabs of dressed & pointing in CM 1:3 etc complete as per specifications and directions of Engineer-in-Charge of work.						
		1	15.00	-	1.35	20.25 m²	
		1	20.00	-	1.35	27.00	
		1	10.00	-	1.35	13.50	
		1	18.00	-	1.35	24.30	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(8) Providing and filling in t broken metal 100mm a including hand packing, cost of all materials a

NT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
drains and pointing in s and directions of				
this MB. p.no 355756			2251.20	
= 270.00 m² @ 80.58/m²			21751.20	
pointing in CM 1:3 ections of Engineer-in-				
-	1.35	20.25 m²		
-	1.35	27.00		
-	1.35	13.50		
-	1.35	24.30		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

355756

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	20.00	-	1.35	27.00	
		1	25.00	-	1.35	33.75	
		1	22.00	-	1.35	29.70	
		1	10.00	-	1.35	13.50	
						189.00 m³	125813.52
						@ 665.68/m³	125814.00
(8)	Providing and drilling in foundations with granite/trap broken metal 10mm and down size with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	etc complete as per specification and directions of Engineer in-charge of work.						
		5×1	30.00	0.45	0.30	= 20.25 m³	
		1	12.00	0.45	0.30	= 1.62	
		1	30.00	0.45	0.30	4.05	
		1	10.00	0.45	0.30	1.35	
						27.27 m³	60502.68
					L+d+b	27.00 m³	
					@2240.84 kg		60502.68
27	Providing and constructing load bearing wall with solid concrete blocks of size 400 × 200 × 200 mm having block density not less than 1800 kg/m³ and having minimum						

Serial No. .....
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	average compressive st IS- 2185 (part): 2005. av 2572-2005 including curing demolding curing etc co directions of Engineer-in	
	2nd class	2
	2nd class	2

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
...chinery		Engineer	
5	0.30 ×	20.25 m³	
5	0.30 ×	1.62	
5	0.30	4.05	
5	0.30 ×	1.35	
		27.27 m³	
	Ltd to	27.00 m³	
		@ 2240.84/m³	
	all work	done	
	hany	Stacks	
	ange	Minimum	

60502.68

60502.68

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355757

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	average Compressive strength of 9.00 N/mm² Cubes as IS- 2185 (part): 2005. and constructed with CM 1:4 as per IS 2572-2005 including curing all materials, labour charges, depositing cubes on complete as per specifications and directions of Engineer-in-Charge of work.						
	2nd Class Brick	245	30.00	-	0.60	180.00	
		2×1	12.00	-	0.60	14.40	
	2nd Class Brick	2×1	30.00	-	0.60	36.00	
		2×1	10.00	-	0.60	12.00	
						242.40 m²	
	Ltd to 240.00 m² @ 983.22/m²						

238372.80

238372.80

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10)	Providing and laying in position plain cement concrete of mix 1:2:4 with cement 240 kgs with 20mm and down size graded & metal coarse aggregate 0.68 m³ and fine aggregate ~~0.459~~ 0.459 m³, machine mixed concrete laid in layers not exceeding 15 cms thick well compacted on foundn, plinth, and c.lls, including costing all materials, labour, tools & machines, curing etc complete as per specifications and directions of Engineer-in-charge.						
	(a) 2nd (Room - 1)	5	30.00	0.45	0.10	= 0.675 m³	
	(b) ——— 4)	1	12.00	0.45	0.10	= 0.54	
		1	30.00	0.45	0.10	= 1.35	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	copying, flagging
	11) Providing pre... costing all mate...

NT BOOK

mensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		cement Concrete wo	
		with 20mm aggre	
		0.6m³ as	
		mix concrete laid	
		de work compacted m	
		ing all materials,	
		ete complete as pe	
		gineer-in-charge	
0.45	0.10 =	6.75m³	
0.45	0.10 =	0.54	
0.45	0.10 =	1.35	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

355758

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	copng. Hagng	1	10.00	0.45	0.10 =	0.45m³	
		5+1	30.00	0.20	0.10 =	6.00	
		2+1	12.00	0.20	0.10	= 0.48	
		2	30.00	0.20	0.10 =	1.20	
		2	10.00	0.20	0.10 =	0.40	
						17.17m³	98046.82
					Total	17.00m³	
					@ 5767.46/m³		98046.82
	(1) Providing & precast slabs 100mm thick in chaddy costing all materials, labour, cartg transportation loading						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Unloading etc Complete as per specifications and direction of Engineer-in-charge Work.						
	(a) Rectangular cover slab	1	30.00	0.90	-	27.00	
		1	13.50	0.90	-	12.15	
		1	34.00	0.90	-	30.60	
		1	22.50	0.90	-	20.25	
	(b) flagging course cover slabs	52	30.00	0.90	-	135.00	
	2nd CRm - RHS	1	12.00	0.90	-	10.80	
		1	30.00	0.90	-	27.00	
		1	10.00	0.90	-	9.00	
	2nd CRm - LHS	34	30.00	0.90	-	81.00	
		1	16.00	0.90	-	14.40	
						367.20 m²	

667854.23

667854.23

Total = 366.844 m² ≈ 1820 Sft

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	

Assistant Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.90	-	27.00	
0.90	-	12.15	
0.90	-	30.60	
.90	-	20.25	
0.90	-	135.00	
.90	-	10.80	
0.90	-	27.00	
.90	-	9.00	
90	:	81.00	
90	:	14.40	
		367.20 m²	

366.844 m² @ 1820 Rs/m²

667854.23

667854.23

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

355759

Name of Contractor of nature of Agency .....

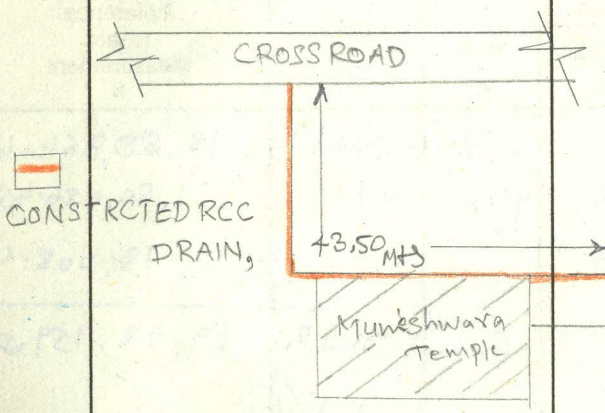
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						Sub Total Rs	18,00,864.44
					Add KRIDL charges	10%	1,80,086.48
					Add Labour cess	1%	18,008.44
						Grand Total Rs	19,98,959.36
	do				07/11/19		

250 Rs/-
Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore 97

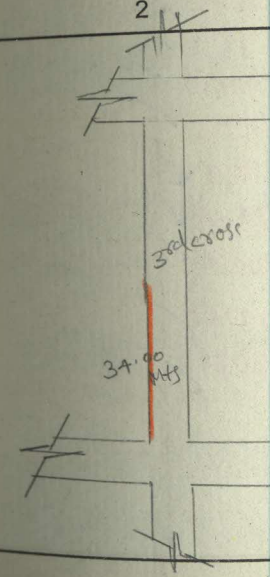
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							

02/11

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of v
1	2
	

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

Singapura Main Road

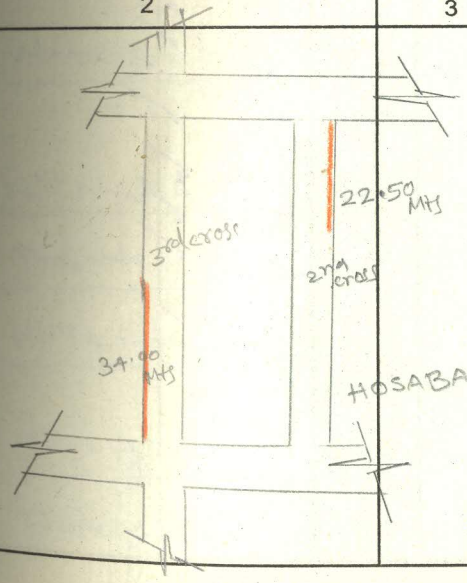
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355760

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
			CONSRACTED		RCC DRAIN		

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Final Bill

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P/878 - 18% Works ರಡಿ ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 1998950/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ. ಇದರಲ್ಲಿ ರೂ. 218150/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 1780800/- ಗಳನ್ನು FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ ವಿಷಯ ನಿರ್ವಾಹಕರು 19/3/2020 ಅಧೀಕ್ಷಕರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು				TTB 1998950 IT - 39980 CESS - 17848 SESS - 17848 FSD - 100000 LWP - 19990 CBF 1999 CR 18485 Fint 2000 Ded. 218150 Chq 1780800	

Serial No. 1st and final Bill
Name of Work ... Fro
Name of Contractor of nature of Agency ... Ex
Date of commencement of work ... D-0

Date	Full description, etc, of work	Numbe
1	2	3
	Name of work :	Lon Ma
	Estimated Cost	Rs 2
	NB. No	2011-1
	Work order No	2 EE
	Date of commencem	D1
	Date of completion	2